

# PATENT SPECIFICATION

712,272



Date of filing Complete Specification: June 25, 1953.

Application Date: June 25, 1952.

No. 15928/52.

Complete Specification Published: July 21, 1954.

Index at acceptance:—Classes 18, A2B2; and 131, D4.

## COMPLETE SPECIFICATION

### Improvements relating to Containers for Cakes of Soap

I, LUCIAN TYSZKIEWICZ, of 122, Gravelly Hill, Erdington, Birmingham, 23, of Polish Nationality, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

The present invention relates to containers for cakes of soap. Difficulty is often experienced in the removal of a damp cake of soap from a container due to the slippery nature of the soap and the difficulty of getting one's fingers beneath the soap cake when it substantially fills the container, more especially in view of the fact that the cake of soap tends to adhere to the bottom of the container and it is the main object of the present invention to provide a container particularly suitable for housing cakes of soap which will facilitate the removal of the soap when required for use.

The invention consists of a box-like container having a pivotally mounted lid and a grid adapted to lie parallel with the floor of the container when the lid is closed, the grid being operatively connected adjacent one end to the lid by a pair of parallel links so that upon opening of the lid this end of the grid is raised to incline the grid relative to the bottom of the container, characterised in that the links incorporate means for engaging the container to limit the degree of opening of the lid and can be prevented from engagement with the container to admit of the grid and links being turned to a position to give unimpeded access to the container for cleaning purposes.

A convenient embodiment of the present invention will now be described with particular reference to the accompanying drawings in which:—

Fig. 1 is a sectional side elevation of the container in a closed position.

Fig. 2 is a sectional side elevation of

the container in an open position and Fig. 3 is a perspective view of the grid and associated links removed from the container.

A box-like container 4 having a lid 5 hinged thereto about a hinge pin 6 accommodates a grid 7 which is adapted to support the cake of soap. This grid 7 is formed at one end with an upturned extremity 7<sup>a</sup> and when the container is closed as seen in Fig. 1 the grid 7 is adapted to lie adjacent the floor of the container with a cross bar 7<sup>b</sup> of the grid resting upon the floor. The end of the grid 7 remote from the extremity 7<sup>a</sup> has a cross bar 7<sup>c</sup> the ends of which are pivotally accommodated within a pair of links 8 the upper extremities whereof have slots 8<sup>a</sup> which engage pins 9 mounted on lugs 5<sup>a</sup> formed on the interior of the lid 5. The arrangement is such that when the lid is closed the longitudinal supporting bars of the grid 7 are substantially parallel to the floor of the container 4 and spaced therefrom by a short distance whilst when the lid is opened to the position shown in Fig. 2, the end of the grid connected to the links 8 is raised and drawn towards the end of the container at which the hinge pin 6 is disposed, this longitudinal sliding movement of the grid 7 being permitted by the free sliding of the cross member 7<sup>b</sup> upon the bottom of the container.

It will be understood that when the container is opened to the position shown in Fig. 2 a cake of soap such as that shown in dotted lines at 10 supported on the grid 7, which is now inclined, can be grasped readily with the hands.

In order to limit the opening movement of the lid 5 the links 8 are furnished at their lower ends with hook-like portions 8<sup>b</sup> which in the fully open position engage beneath stops 4<sup>a</sup> formed as an integral portion of the container 4.

When it is desired to clean the interior

of the container, then during the opening movement of the lid 5 the grid is restrained with the fingers from sliding movement so as to obviate the hook-like portions 8<sup>b</sup> from engaging the stops 4<sup>a</sup> and allow the grid 7 and the links 8 to be turned upwardly about the pins 9 to give unimpeded access to the interior of the container 4.

10 It will be understood that the upturned end 7<sup>a</sup> of the grid 7 serves to prevent the soap cake sliding from the grid 7 when the container is opened to the position shown in Fig. 2.

15 What I claim is:—

1. A box-like container having a pivotally mounted lid and a grid adapted to lie parallel with the floor of the container when the lid is closed, the grid being operatively connected adjacent one end to the lid by a pair of parallel links

so that upon opening of the lid this end of the grid is raised to incline the grid relative to the bottom of the container, characterised in that the links incorporate means for engaging the container to limit the degree of opening of the lid and can be prevented from engagement with the container to admit of the grid and links being turned to a position to give unimpeded access to the container for cleaning purposes.

2. A box-like container for cakes of soap constructed, arranged and adapted for use substantially as herein described with reference to the accompanying drawings.

LEWIS W. GOOLD & CO.,

Chartered Patent Agents,

5, Corporation Street, Birmingham, 2.  
Agents for Applicants.

#### PROVISIONAL SPECIFICATION

#### Improvements relating to Containers for Cakes of Soap

40 I, LUCIAN TYSZKIEWICZ, of 122, Gravelly Hill, Erdington, Birmingham, 23, of Polish Nationality, do hereby declare this invention to be described in the following statement:—

The present invention has relation to containers for soap and other like articles.

45 In the case of soap difficulty has been experienced in removing same often in a slippery condition from the body of the container and reversal of the container has often been resorted to for this purpose causing any liquid contents to drop onto the hand and the present invention has for its object primarily to overcome this deficiency. Whilst being particularly suitable as a soap container the invention obviously has uses for other articles needing a container. The present invention also presents facilities for displaying the goods in a shop window.

60 According to the present invention a box-like container with pivotal lid is provided with an internal grid pivoted at one extremity to the bottom and operatively connected at or about its other extremity to the lid in such a manner that when the lid is closed the grid lies upon or adjacent the bottom of the box, whereas when the lid is pivotally opened the grid is tilted to incline the soap or other articles giving ready access thereto by the hand.

65 The grid is advantageously detachable at its first mentioned extremity whereby it can be displaced from the box body to permit the latter to be cleaned.

75 In a convenient embodiment of the

present invention there is provided an oblong container having a lid hinged to one extremity which itself is of a shallow box formation but which may be substantially flat. Provided within the body of the container is a rack advantageously comprising a U-shaped wire connected by cross wires and a forward transverse part of this wire rack is detachably engageable with an upturned lip or catch mounted in the base of the container at the fore part thereof. The rear transverse wire adjacent that extremity of the container to which the lid is hinged is provided with bearings to which are coupled the extremities of links which may be slotted, the remote extremities of which links are pivoted to the inner face or adjacent part of the lid slightly removed from the hinge or hinges, the arrangement being such that when the lid is closed the grid is brought into adjacency with the bottom of the container, whereas when the lid is opened to a normal upright position the grid and links assume a substantially aligned position preventing the lid from falling rearwardly and at the same time supporting a cake of soap or the like in an elevated and inclining position so that it can be readily seized by the hand adjacent the hinge of the box for removal and replacement purposes. The detachable mounting of the grid provides for its removal to facilitate cleaning of the container and the grid may normally lie slightly removed from the bottom of the container so as to keep the soap clear of any liquid which may

---

be deposited therefrom. Obviously such a container can be used for carrying other articles which need to be elevated for their removal and the construction of the device provides for the pleasing display of the goods in a shop window.

5

LEWIS W. GOOLD & CO.,  
Chartered Patent Agents,  
5, Corporation Street, Birmingham, 2,  
Agents for the Applicants.

---

Leamington Spa: Printed for Her Majesty's Stationery Office, by the Courier Press.—1954.  
Published at The Patent Office, 25, Southampton Buildings, London, W.C.2, from which  
copies may be obtained.

712,272 COMPLETE SPECIFICATION

1 SHEET

This drawing is a reproduction of  
the Original on a reduced scale.

Fig. 1.

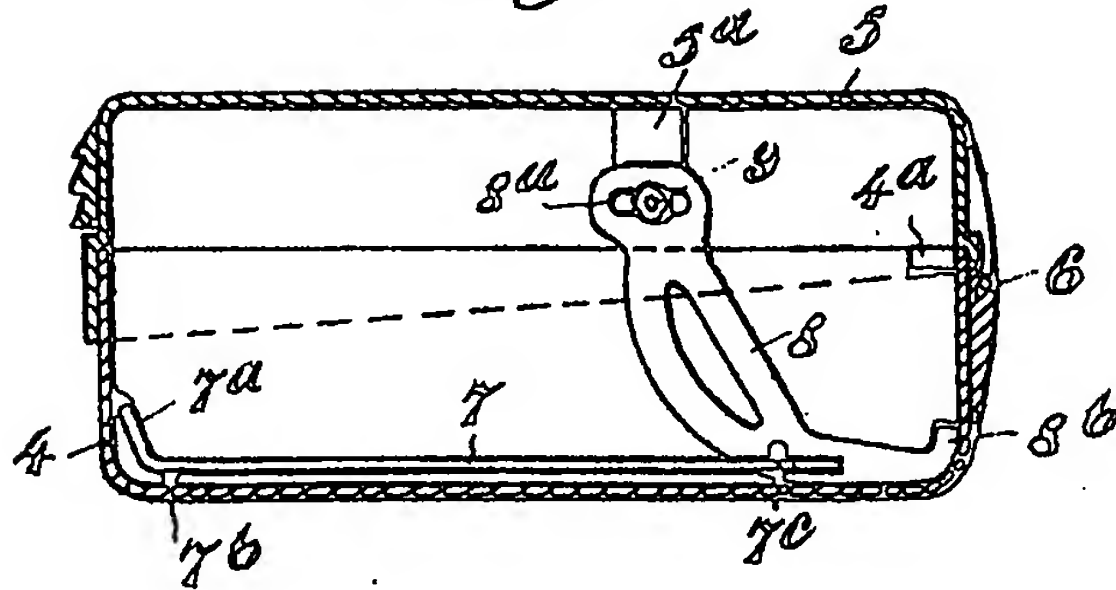


Fig. 2.

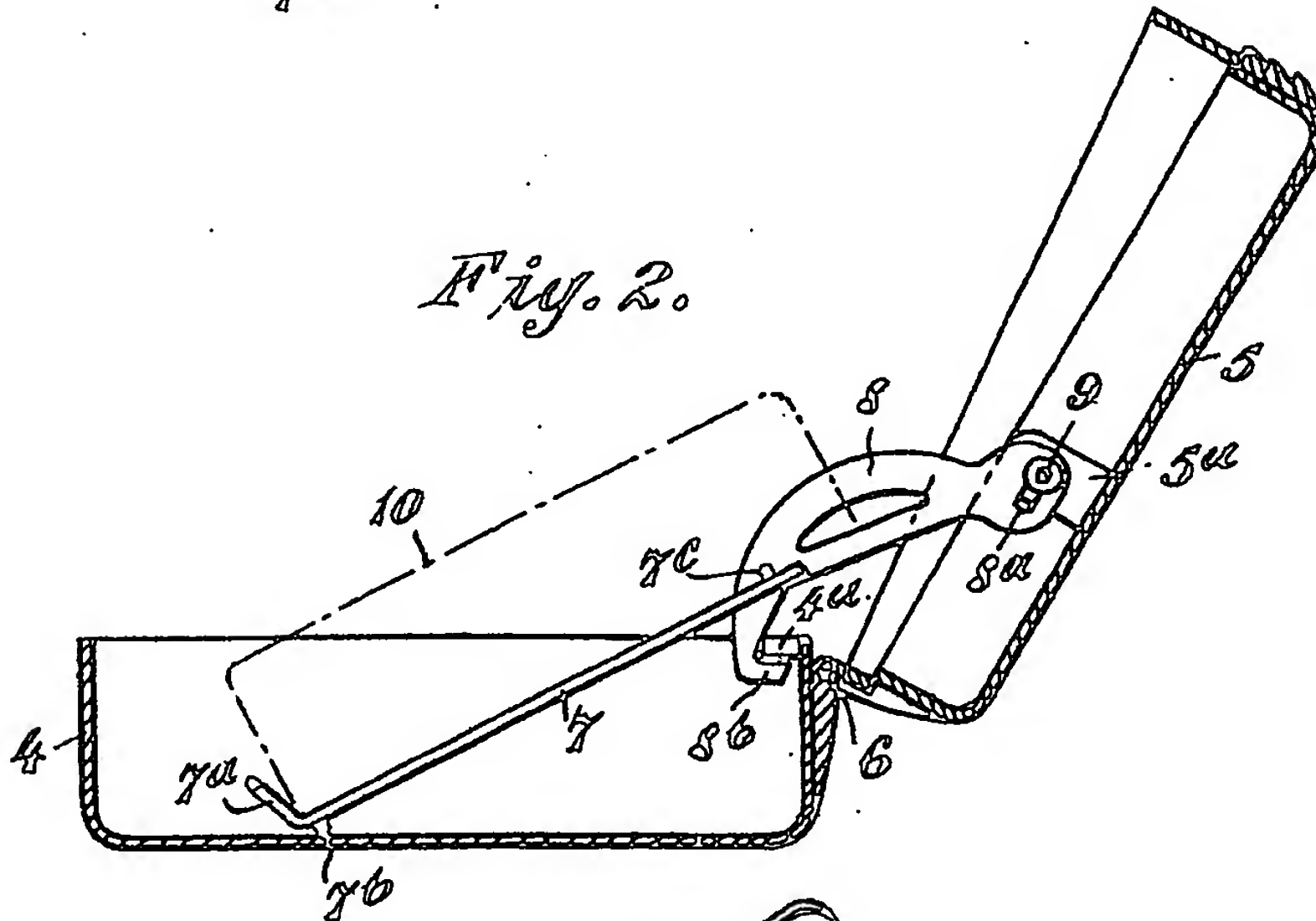
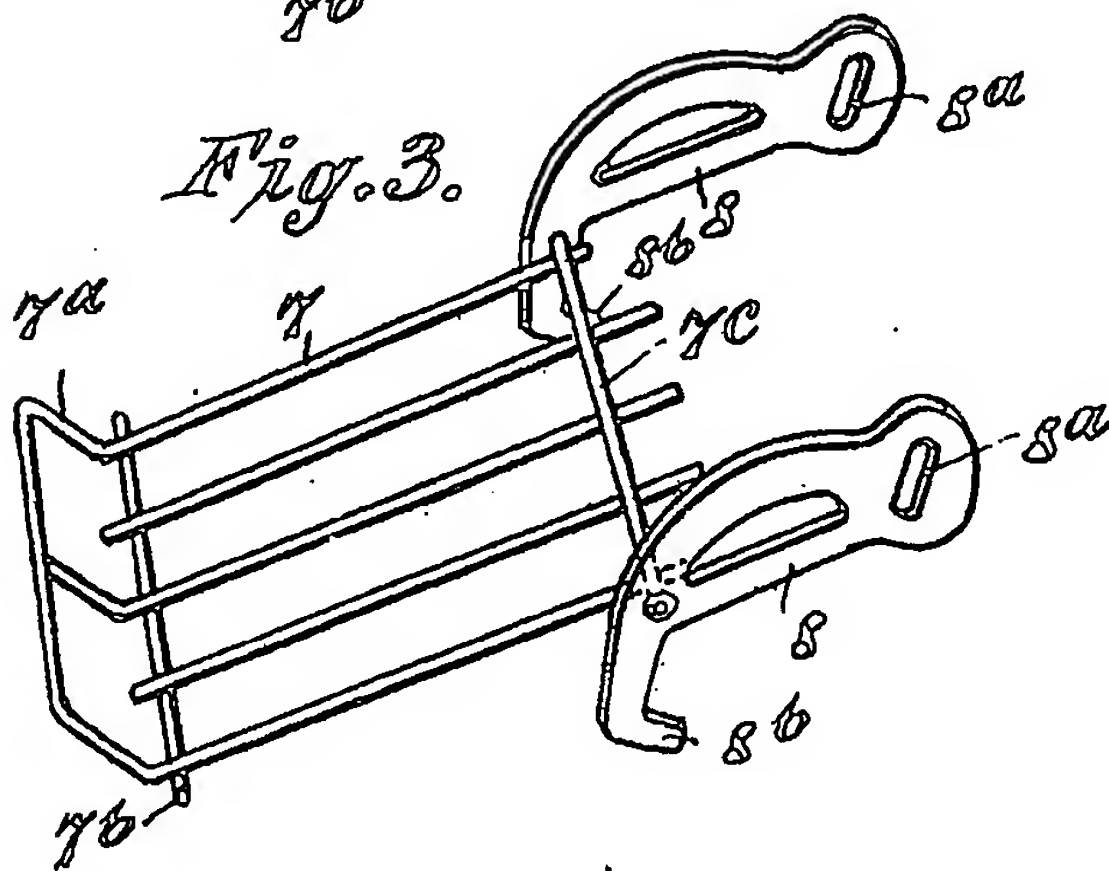


Fig. 3.



BEST AVAILABLE COPY